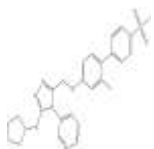


**PRODUCT: NMS-873****ALTERNATE NAME:** (3-[3-(cyclopentylthio)-5-[[[2-methyl-4'-(methylsulfonyl)[1,1'-biphenyl]-4-yl]oxy]methyl]-4H-1,2,4-triazol-4-yl]-pyridine**CATALOG #:** 9600-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C<sub>27</sub>H<sub>28</sub>N<sub>4</sub>O<sub>3</sub>S<sub>2</sub>**MOLECULAR WEIGHT:** 520.67**CAS NUMBER:** 1418013-75-8**APPEARANCE:** Off-white solid**SOLUBILITY:** DMSO (>10 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light**DESCRIPTION:** NMS-873 is a potent, selective, allosteric inhibitor of the ATPase VCP/p97 (IC<sub>50</sub> = 30 nM). NMS-873 activates the unfolded protein response, interferes with autophagy and induces cancer cell death. NMS-873 also inhibits proliferation of HCT116 cancer cell line cells with an IC<sub>50</sub> value of 400 nM.**REFERENCE:** Magnaghi, P., *et al.* (2013). *Nat.Chem. Biol.* **9**, 548-556.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**DBeQ (**Cat. No. 1858**)MDBN (**Cat. No. 2033**)ML241 (**Cat. No. 2697**)VCP Antibody (**Cat. No. 3756-100**)**USAGE:** *FOR RESEARCH USE ONLY! Not to be used in humans*